



## Pwllheli : Meteorological Information

Average wind velocities for courses during the hours of racing by month are

July	August	September
<b>Between 12 and 13 Knots</b>		

Percentage frequencies of winds by speed range and month

	<b>Wind Speed (knots)</b>				
	<b>1to6</b>	<b>7to10</b>	<b>11to16</b>	<b>17to21</b>	<b>22to33</b>
July	18%	27%	35%	16%	20%
August	16%	24%	38%	17%	20%
September	15%	25%	36%	17%	18%

Percentage frequencies of winds by direction and month

	<b>Wind Direction</b>				
	<b>Easterly 020-130</b>	<b>South 140-190</b>	<b>S/West 200-250</b>	<b>West 260-310</b>	<b>N/West/N 320-010</b>
July	12%	18%	27%	23%	20%
August	15%	20%	25%	20%	20%
September	19%	22%	21%	20%	18%

Changes in Wind direction during the day between 0900 and 1800 local time:-

On 80% of occasions the winds are steady and reliable with swings of no more than 15 to 20 degrees about the average for the day.

On 12% of occasions an offshore morning wind is replaced between 1030 and 1230 by a sea breeze which then persists for the rest of the afternoon, and is normally steady and reliable.

The remaining 8% comprise occasions of very light winds between 1 and 4 knots when swings in the order 30 to 40 degrees are common, and passage of larger scale weather systems.